Technology and Applications.

Series	Connection	Size	Working	Pilot	Body	Actuator
			pressure	pressure		
			[bar]	[bar]	material	material
82180/82280	G	G 1/2 - G 2	0 - 10/16/25	3.5 - 8	gunmetal	stainless steel
82190/82290	NPT	G 1/2 - G 2	0 - 10/16/25	3.5 - 8	gunmetal	stainless steel
82380/82480	G	G 1/2 - G 2	0 - 10/16/25/40	3.5 - 8	stainless steel	stainless steel
82390/82490	NPT	G 1/2 - G 2	0 - 10/16/25/40	3.5 - 8	stainless steel	stainless steel
82580*	G	G 1/2 - G 2	0 - 10	5.5 - 8	gunmetal	stainless steel
83230	G	G 1/2 - G 3	0 - 10	4.0 - 10	gunmetal	aluminium
84500	G	G 1/2 - G 2	0 - 10	3.5 - 10	gunmetal	polymer
84510	NPT	G 1/2 - G 2	0 - 10	3.5 - 10	gunmetal	polymer
84520	G	G 1/2 - G 2	0 - 10	3.5 - 10	stainless steel	polymer
84530	NPT	G 1/2 - G 2	0 - 10	3.5 - 10	stainless steel	polymer
84580/84880	DIN**	DN 15 - DN 50	0 - 10	3.5 - 8	stainless steel	stainless steel
84590/84890	IS0**	DN 15 - DN 50	0 - 10	3.5 - 8	stainless steel	stainless steel

* German DVGW certification body ** Valves with welding spigots

Applications:

Example:

- Sewage treatment
- Hot water and steam control systems

Spring return normally closed function.

- Industrial washing machines
- Petrochemicals industry
- Pneumatic conveyor systems
- Dust filter systems Metering of water in concrete mixing plants

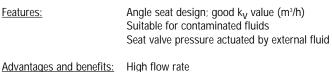
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Damped closing (against flow)

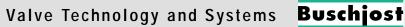
Gunmetal 84500 series valves with threaded connections used for metering.



NORGREN

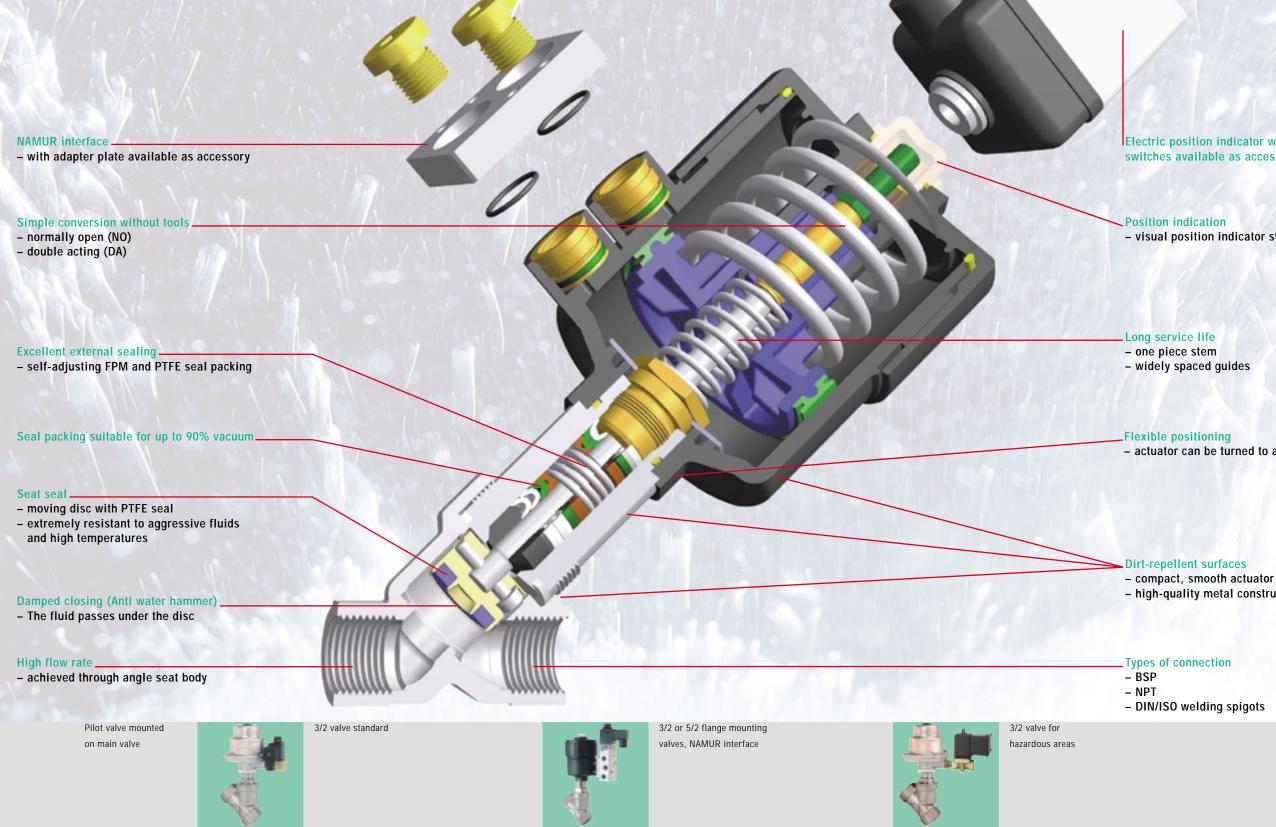
a subsidiary of IMI plc







Our Know-how at Your Disposal.



Electric position indicator with two switches available as accessory

- visual position indicator standard

- widely spaced guides

- actuator can be turned to any angle

- high-quality metal construction

- DIN/ISO welding spigots

Typical applications

- neutrale gases and liquids from 10 to 40 bar
- water and steam up to +200 °C
- aggressive fluids up to 25 bar
- viscosity 600 mm2/s

Accessories

- Elektric position indication
- NAMUR pilot connection
- Closing with flow
- Water actuation
- Stroke limiting (adjustable flow)

